

Polyclonal Antibody to C1orf71 (C-term) - Aff - Purified

Alternate names:	CNST, Consortin
Catalog No.:	AP50556PU-N
Quantity:	0.1 mg
Concentration:	0.25 mg/ml
Background:	Targeting of numerous transmembrane proteins to the cell surface is thought to depend on their recognition by cargo receptors that interact with the adaptor machinery for anterograde traffic at the distal end of the Golgi complex. Consortin (CNST) is an integral membrane protein that acts as a binding partner of connexins, the building blocks of gap junctions, and acts as a trans-Golgi network (TGN) receptor involved in connexin targeting to the plasma membrane and recycling from the cell surface (del Castillo et al., 2010 [PubMed 19864490]).
Uniprot ID:	Q6PIW8
NCBI:	NP_001132931
GeneID:	163882
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 514-544 amino acids from the C-terminal region of human C1orf71.
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% (W/V) sodium azide as preservative
Applications:	ELISA: 1/1000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to C1orf71.
Species Reactivity:	Tested: Human.
Add. Information:	Molecular Weight: 79571 Da
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. del Castillo, F.J., et al. Hum. Mol. Genet. 19(2):262-275(2010) 2. Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

Pictures:

C1orf71 Antibody (C-term) (Cat. #AP50556PU-N) western blot analysis in ZR-75-1 cell line lysates (35µg/lane). This demonstrates the C1orf71 antibody detected the C1orf71 protein (arrow).

